

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/009,062A  
Source: 1600  
Date Processed by STIC: 2/13/06

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1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,062A

DATE: 02/13/2006

TIME: 14:45:29

Input Set : A:\NEU-120.P.1, Sequence Listing FILED, MS, 1-23-06.txt  
 Output Set: N:\CRF4\02132006\J009062A.raw

5 <110> APPLICANT: Viney, Joanne L.  
 7       Sims, John E.  
 9       DuBose, Robert F.  
 11      Hasel, Karl W.  
 13      Hilbush, Brian S.  
 15      Buchner, Robert R.  
 19 <120> TITLE OF INVENTION: Gene Expression Modulated In Gastrointestinal Inflammation  
 23 <130> FILE REFERENCE: 99,104-A  
 C--> 27 <140> CURRENT APPLICATION NUMBER: US/10/009,062A  
 C--> 29 <141> CURRENT FILING DATE: 2001-12-06  
 33 <150> PRIOR APPLICATION NUMBER: 60/138,487  
 35 <151> PRIOR FILING DATE: 1999-06-12  
 39 <160> NUMBER OF SEQ ID NOS: 129  
 43 <170> SOFTWARE: PatentIn version 3.1  
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 51 <212> TYPE: DNA  
 53 <213> ORGANISM: Mus musculus  
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 59 <221> NAME/KEY: misc\_feature  
 61 <223> OTHER INFORMATION: IMX2\_4  
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 68 acggtaactt acttccagac tgcgtttt attttagga gagatgtgta tatttttgt 120  
 70 tgctgtgtt gttcttagat agggtctcac tgttagccc tggctttct ggaactca 180  
 72 gttagagca agccagcctc aaactcatag atccacctgc ctctgcctcc agatcgccag 240  
 74 aattaaagtt actgccataa cacccaaaaaa 270  
 77 <210> SEQ ID NO: 2  
 79 <211> LENGTH: 964  
 81 <212> TYPE: DNA  
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 87 <220> FEATURE:  
 89 <221> NAME/KEY: misc\_feature  
 91 <223> OTHER INFORMATION: IMX2\_4 Extended Sequence  
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 98 ggagagatgc cctggaccat cctgctgtt gcatctgtcc ccacctggat cttggcactc 120  
 100 tccctgagcc tggctggagc tgtgctgttc tcagggctgg tggccatcac agtgcgtgtg 180  
 102 agaaaagcta aagccaaaaa cttacagaag cagagagagc gtgaatcctg ctgggctcag 240  
 104 atcaacttca ccaatacaga catgtcctt gataactctc tgtttgcata ctccacgaaa 300  
 106 atgactcagg aagactcagt ggcaacccta gactcagggc ctcggaaagag gcccacctct 360  
 108 gcatcatcct ctccggagcc ccctgagttc agcaacttcc gggcctgcca gtgaggctga 420  
 110 cgaatgagga ccactttatc cagttccttc cctccccactg cacatctgtc 480

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116	atgagttggg	gtatcagcct	caggctagac	agagagccag	aacctcttca	660
118	gatcaccgga	gaagtcacta	ttgaatccgg	acacccagtc	aggcacaaga	720
120	ctctaactcc	tttccagtgc	ttccccaaacg	gtcacttact	tccagactgc	780
122	tttaggagag	atgtgtatat	tttttgttgc	tgttgttgtt	tctagatagg	840
124	gtagccctgg	cttttctgga	actcaactgtg	tagagcaagc	cagcctcaaa	900
126	cacctgcctc	tgcctccaga	tcgctagaat	taaagttact	gccataaacac	960
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152	ggagctgctc	tcaccgaggc	tggctcttc	ataactgtgg	acaccatggg	120
154	tcatctgttc	agatccccaa	atccagagca	caaccaggcc	agatctgtgg	180
156	ctaccccaa	aa			cctactacta	192
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171	<221>	NAME/KEY:	misc_feature			
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177	<400>	SEQUENCE:	4			
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180	aggaatgagc	cattgagagg	gcatggaaa	cggatgcctg	cagactccta	120
182	tagtggtcat	gacatgacct	tatccccaa	taaacttgac	tttagtcttg	180
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193	<213>	ORGANISM:	Mus musculus			
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199	<221>	NAME/KEY:	misc_feature			
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223	<221>	NAME/KEY:	misc_feature			

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**Output Set: N:\CRF4\02132006\J009062A.raw**

225 <223> OTHER INFORMATION: IMX2\_36  
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 232 cagatccaca gggtacacctc ctgagatatc tgacattgtt ccatttctgt ccccaaataa 120  
 234 aagacagagc aaaaaa 135  
 237 <210> SEQ ID NO: 7  
 239 <211> LENGTH: 474  
 241 <212> TYPE: DNA  
 243 <213> ORGANISM: Mus musculus  
 247 <220> FEATURE:  
 249 <221> NAME/KEY: misc\_feature  
 251 <223> OTHER INFORMATION: IMX2\_36 Extended Sequence  
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 256 cttcccaag atgcgactgt tcttccgtga gccctgggt actggctggg attgttctgg 60  
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 260 ccccgaggtca agggacagcgt gaagggaccc ggaaacaaca cattgctgag actgagtgc 180  
 262 cttatcagga gcttcagggt cagagaccag aagtatacag tgacctaacc acacagaggc 240  
 264 aatattacag atgagccac tctatgccca tcagcggcct gatgcccggaa tccggtcatt 300  
 266 ccagatgcct actcaacaag ccctctctgg gatcaggact cccgttggaa tacagatcca 360  
 268 cagggtacct ccctgagata tctgacattt taccattttt gttccccaaat aaaagacaga 420  
 270 gaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaa aaaaaaaaaaaa aaaggcggc cgca 474  
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 275 <211> LENGTH: 221  
 277 <212> TYPE: DNA  
 279 <213> ORGANISM: Mus musculus  
 283 <220> FEATURE:  
 285 <221> NAME/KEY: misc\_feature  
 287 <223> OTHER INFORMATION: IMX2\_43  
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 294 gaaatgagtg atcatcctgt ggctactagc agattccac tgtccccaga ccagtcggca 120  
 296 ggttttgaag gaagtatgt aaaactgtgc ctcagaagcc aatgacagga cacatgactt 180  
 298 ttttttcta agtcaaataa acaatatatt gaacagaaaa a 221  
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 305 <212> TYPE: DNA  
 307 <213> ORGANISM: Mus musculus  
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 324 cttggaaatc agcaatatgg ctaacgtctc tgggtgggat gtaacctata cagtgcgg 180  
 326 ccccggtgaac gattcagtca gtgccgtat cctgaaagca gtgaaggagg acgacagccc 240  
 328 agtgggcacc tggagtggaa catatgagaa gtgcaacgc acgagtgtct actataactt 300  
 330 gacatccccaa agccagtccg tcttccagac aaactggaca gttcctactt ccgaggatgt 360  
 332 gactaaagtc aacctgcagg tcctcatcgt cgtcaatcgc acagcctcaa agtcatccgt 420  
 334 gaaaatggaa caagtacaac cctcagcctc aaccctatt cctgagagtt ctgagaccag 480

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338	caacaccaca gccgtgacca cagccatac cacagccat accacagcc tgaccacagc	600	
340	caagaccaca gccaaaagcc tggccatccg cactctggc agccccctgg caggtgcct	660	
342	ccatatcctg ctgttttc tcatttagtaa actctcttc taaagaaaac tgggaagca	720	
344	gatctccaaac ctccaggta tcctcccgag ctcatttcg gccagtgc tt aaacataccc	780	
346	aatgaaggt ttatgtcct cagtcgcag ctccaccacc ttggaccaca gacctgcaac	840	
348	actagtgcac ttgaggata caaatgctt cctggatct tcagggcaca aatccgc	900	
350	cttgtaata cttagccat ccattctgc tgtaacctga agttctgact ctcagttaa	960	
352	cctgttgaca gccaaatctga acttgtgtt cttgccaaag gtattccat gagcctc	1020	
354	gtgtggggg tggggaggaa atgatcctc ttacttca aactgatttca agatttctgg	1080	
356	ccaaacctac tcagggtgca aaggacttat gtgactttag tgactgtagg aaaaagagaa	1140	
358	atgagtgatc atcctgtggc tactagcaga ttccactgt gcccagacca gtcggtaggt	1200	
360	tttgaaggaa gtatatgaaa actgtgcctc agaagccat gacaggacac atgactttt	1260	
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364	aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa	1377	
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369	<211> LENGTH: 407		
371	<212> TYPE: DNA		
373	<213> ORGANISM: Mus musculus		
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379	<221> NAME/KEY: misc_feature		
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388	gcctcagcgt ccccccctc tccgcaggta cttaagctc ttggccca caccatct	120	
390	cttaagatga gctgtgaata cgtgagctt ggctaccagc ctgtgtcaa cttggaaagac	180	
392	cctgattcag atgattacat caatattctt gaccatctc atctccctag ctatgcccc	240	
394	ggggccagat cttcatgca atgagttctg cctgttgc gatgtctagc acgtttcct	300	
396	tataggatcc ctgtcatggc gtatgtccta taccctaagt cgactctcac ctgactatct	360	
398	gaatgcctt agaatgatca attacaggct aattttcac ccaaaaaa	407	
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407	<213> ORGANISM: Mus musculus		
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422	gaggcgaggc cggggggctt cccgcctt cccacacag cgccgggatg cctcgcagag	120	
424	ggcgctcg cagaacaacg tctacagcgc ctgcggccgg cgccacggg gaccagacag	180	
426	tttgggtcca gcggaggctc cgctctcaa cgcccccagcc tcagcgtccc cgccttctcc	240	
428	gcaggtactt gaagtcctt gggccacac cccatctctg aagatgagct gtataacgt	300	
430	gagctgggc taccagctg ctgtcaacct ggaagaccct gattcagatg attacatcaa	360	
432	tattcctgac ccatctcate tccctageta tgccccaggccc cccagatctt catgccaatg	420	
434	agttctgcct gtttgcgtat gtctagcact tttccctt agatccctg tcatggcgta	480	
436	tgtcctatac cctaagtgcg ctctcaccc actatctgaa tgccttggataa atgatcaatt	540	
438	acaggctaat tttcacccattgaagccc cctgcattca ttgcgagag ttctggataa	600	
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466 ttcaagaaca tccagagctt gagtgtgacg ccccccaggac cccaytgcgc ccagacagaaa      180
468 gtcatagccca ctctcaaggg cggtcaaaaa gtttgccttg accctgaagc cccctgggt      240
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498 tcactctagg acaagagcag gattcctatg gggaaaattt tgatgcaaag caatcctttg      180
500 ttggggagat atggatgtt tccttgggg accatgtggt ccccttagaa aaggtatcag      240
502 acagctgtaa caatggcaac cttataaact ggcaagctct taattatgaa gacaatggct      300
504 atgtggtgcac taagccaaa ctgtggcctt aagctaattt ctctatgaaa tataagtctg      360
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513 <212> TYPE: DNA
515 <213> ORGANISM: Mus musculus
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532 gtccctgata ccgaagggtga ggaagtcaact gcagaacttc actctgtgtt tgaaggcctt      180
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538 cattttcaaa gcacccacaa atcttcctga tccagtccgt atctgtgtga actgggagtc      360
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542 taagggatac acgggtgggg gtgatgcaat gatcattata ggacaagagc aggattcctt      480
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546 ggaccatgtg gtccccctag aaaaggtatc agacagctgt aacaatggca accttataaaa      600
548 ctggcaagct cttaaattatg aagacaatgg ctatgtgggtt attaagccca aactgtggcc      660
550 ttaagctaat tgctctatga aatataagtc tgctttggc tctgttaaaa tgataatgtg      720

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RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 02/13/2006  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; N Pos. 2,5,48,84,185  
Seq#:30; N Pos. 34,48  
Seq#:63; N Pos. 47,48  
Seq#:65; N Pos. 16  
Seq#:67; N Pos. 13,14,15,16

VERIFICATION SUMMARY  
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L:27 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:29 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
M:341 Repeated in SeqNo=16  
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:2072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0  
L:2118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0  
L:2164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0